



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/825,284	04/16/2004	Hsien-Yu Chiu		7933

7590
P-Two Industries Inc.
P.O. Box No. 6-57
Junghe, Taipei, 235
TAIWAN

12/16/2010

EXAMINER

VU, HIEN D

ART UNIT	PAPER NUMBER
----------	--------------

2839

MAIL DATE	DELIVERY MODE
-----------	---------------

12/16/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/825,284	Applicant(s) CHIU, HSIEN-YU	
	Examiner Hien D. Vu	Art Unit 2839	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

The following are examples of some unclear, inexact or verbose terms used in the specification are: on page 7, line 5, the term "a heightened right sidewall"; line 6, "a heightened left sidewall"; line 7, "the term "mis-insert proof structure design"; lines 8-9, the phrase "the right sidewall ... symmetrical structure"; page 8, lines 1-3, the phrase "protrudes in part thereby ... right sidewall 23 thereof".

2. Claims 1-2 are objected to because the following are examples of the terms or features that are confused and unclear: in claim 1, line 1, "a thumbnail size flash memory card connector"; lines 4-5, "sidewalls on left and right ... symmetrical structure"; line 5, it is unclear what sidewall has slightly thicker wall; line 16, "the two side panels of the movable cover lodge into slide grooves".

Applicant is required to review the entire disclosure to ensure that any and all grammatical idiomatic and spelling or other minor errors are corrected.

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang (6099335) in view of Chiou (6179661) and Wu (6352438).

Insofar as the claims can be understood due to the indefiniteness above, Chang, Chiou and Wu are applied as follows: Chang, figs. 1-3 show an insulator 14, a reverse U-shaped movable cover 62, terminals 32, sidewalls on left and right sides (not labeled) of the insulator 14, a front end of the sidewall having slightly thicker wall thickness with a wedge shape, the cover with cover panel and side panels (not labeled) having holes 66 for receiving projections 30 on the sidewalls of the insulator. Chang does not show blocking pieces on the side panels of the cover for inserting into slide grooves of the left and right sidewalls and press-fit strips being on two sides of a surface of the cover panel. Chiou, Fig. 3A shows blocking pieces 23 on side panels of a cover 2 for inserting into slide grooves 11 on the left and right sidewalls of an insulator 1 and Wu, fig. 2 shows press-fit strips being on two sides of a surface of a cover panel. It would have been obvious to one with skill in the art to modify the connector of Chang by replacing holes on the side panels of the cover with blocking pieces and replacing the receiving projections on the left and right sidewall of the insulator with slide grooves, also providing on the two sides of the cover panel with press fit strips, as taught by Chiou and Wu, in order to guide the cover to the insulator and to provide retention for the cover.

As to claim 2, tabs 25 as shown in 3B of Chiou and would have been obvious to modify on the cover of Chang for easier gripping.

5. Ko, Lin et al and Wu et al are cited for disclosure of electrical connectors having cover means.

Art Unit: 2839

6. Any inquiry concerning this communication should be directed to Hien D. Vu at telephone number 571-272-2016.

/Hien D. Vu/

Primary Examiner, Art Unit 2839